

P. Delaney F. MOZI

1654

#312

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/209,799A

DATE: 03/11/1999
TIME: 14:44:41

Input Set: I209799A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: Hermeling, Ronald N.
2 Hoffmann, James A.
3 Narasimhan, Chakravarthy
4 <120> TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
5 <130> FILE REFERENCE: X-10242
6 <140> CURRENT APPLICATION NUMBER: US/09/209,799A
7 <141> CURRENT FILING DATE: 1998-12-11
8 <150> EARLIER APPLICATION NUMBER: US 60/069728
9 <151> EARLIER FILING DATE: 1997-12-16
10 <160> NUMBER OF SEQ ID NOS: 4
11 <170> SOFTWARE: PatentIn Ver. 2.0
12 <210> SEQ ID NO 1
13 <211> LENGTH: 31
14 <212> TYPE: PRT
15 <213> ORGANISM: Homo sapiens
16 <400> SEQUENCE: 1
17 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
18 1 5 10 15
19 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
20 20 25 30
21 <210> SEQ ID NO 2
22 <211> LENGTH: 29
23 <212> TYPE: PRT
24 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetically
27 mutated human sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Xaa at position 13 is Glu, Gln, Ala, Thr, Ser or
30 Gly; Xaa at position 19 is Glu, Gln, Ala, Thr,
31 Ser or Gly; and Xaa at position 29 is Gly or
32 absent.
33 <400> SEQUENCE: 2
34 Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly Gln Ala
35 1 5 10 15
36 Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
37 20 25
38 <210> SEQ ID NO 3
39 <211> LENGTH: 29
40 <212> TYPE: PRT
41 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetically
44 mutated human sequence.

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RAW SEQUENCE LISTING
 PATENT APPLICATION US/09/209,799A

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45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Xaa at position 28 is Lys or absent; Xaa at
 47 position 29 is Gly or absent; and, if Xaa at
 48 position 28 is absent, Xaa at position 29 must be
 49 absent.
 50 <400> SEQUENCE: 3
 51 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
 52 1 5 10 15
 W--> 53 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Xaa Xaa
 54 20 25
 55 <210> SEQ ID NO 4
 56 <211> LENGTH: 30
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Artificial Sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetically
 61 mutated human sequence
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: Xaa at position 19 is Lys or Arg; Xaa at position
 64 30 is Gly or is absent; and Lys at position 27 may
 65 be acylated.
 66 <400> SEQUENCE: 4
 67 Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln
 68 1 5 10 15
 W--> 69 Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
 70 20 25 30

VERIFICATION SUMMARY
PATENT APPLICATION US/09/209,799ADATE: 03/11/1999
TIME: 14:44:41

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Line	? Error/Warning	Original Text
34	W "N" or "Xaa" used: Feature required	Glu Gly Thr Phe Thr Ser Asp Val Ser Ser T
36	W "N" or "Xaa" used: Feature required	Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys G
53	W "N" or "Xaa" used: Feature required	Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu V
69	W "N" or "Xaa" used: Feature required	Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val L